



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1569

<b>SERIAL NUMBER</b> 10/502,133	<b>FILING OR 371(c) DATE</b> 07/21/2004 <b>RULE</b>	<b>CLASS</b> 359	<b>GROUP ART UNIT</b> 2873	<b>ATTORNEY DOCKET NO.</b> 3102/1US
<b>APPLICANTS</b> John A Foote, Cornelius, NC; Richard J. Tweed, Midland, NC;				
<b>** CONTINUING DATA *****</b> This application is a 371 of PCT/US04/20215 06/24/2004 * which claims benefit of 60/482,026 06/24/2003 (*)Data provided by applicant is not consistent with PTO records.				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>** SMALL ENTITY **</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY NC	SHEETS DRAWING 2	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 2
Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials:				
<b>ADDRESS</b> 23638				
<b>TITLE</b> Optical sensor for measuring characteristics and properties of strands				
<b>FILING FEE RECEIVED</b> 540	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	